SEQUENCE LISTING

- <110> LAQUEYRERIE, Anne
 MARCHAL, Gilles
 PESCHER, Pascale
 ROMAIN, Felix
- <120> MYCOBACTERIAL PROTEINS, MICORORGANISMS PRODUCING THEM AND THEIR USE FOR VACCINES AND FOR THE DETECTION OF TUBERCULOSIS
- <130> 0660-0138-0DIV
- <140> 09/132,528
- <141> 1998-08-11
- <150> 08/641,356
- <151> 1996-04-30
- <160> 5
- <170> PatentIn Ver. 2.1
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- <211> 2061
- <212> DNA
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			Thr										Pro	Val		
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Thr	Thr	Ala	Ala	Ser	Pro	Pro	Ser	Thr	Aļa	Ala	Ala	Pro	Pro	Ala	Pro	
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_	_	_		_						-				Pro		
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BEST AVAILABLE COPY

175

Lys Thr Thr Gly Asp Pro Pro Phe Pro Gly Gln Pro Pro Pro Val Ala

Asn Asp Thr Arg Ile Val Leu Gly Arg Leu Asp Gln Lys Leu Tyr Ala

155

170

150

165

145

Ser Ala Glu Ala Thr Asp Ser Lys Ala Ala Arg Leu Gly Ser Asp . 190 180 185 Met Gly Glu Phe Tyr Met Pro Tyr Pro Gly Thr Arg Ile Asn Glu Glu 200 195 Thr Val Ser Leu Asp Ala Asn Gly Val Ser Gly Ser Ala Ser Tyr Tyr 220 215 210 Glu Val Lys Phe Ser Asp Pro Ser Lys Pro Asn Gly Gln Ile Trp Thr 230 225 Gly Val Ile Gly Ser Pro Ala Ala Asn Ala Pro Asp Ala Gly Pro Pro 250 245 Gln Arg Trp Phe Val Val Trp Leu Gly Thr Ala Asn Asn Pro Val Asp 265 270 - 260 Lys Gly Ala Ala Lys Ala Leu Ala Glu Ser Ile Arg Pro Leu Val Ala 280 275 Pro Pro Pro Ala Pro Ala Pro Ala Pro Ala Glu Pro Ala Pro Ala Pro 295 300 290. Ala Pro Ala Gly Glu Val Ala Pro Thr Pro Thr Thr Pro Thr Pro Gln 310 315 320 305 Arg Thr Leu Pro Ala 325 <210> 3 <211> 325 <212> PRT <213> Mycobacterium tuberculosis <400> 3 Met His Gln Val Asp Pro Asn Leu Thr Arg Arg Lys Gly Arg Leu Ala 10 5 Ala Leu Ala Ile Ala Ala Met Ala Ser Ala Ser Leu Val Thr Val Ala 25 20 Val Pro Ala Thr Ala Asn Ala Asp Pro Glu Pro Ala Pro Pro Val Pro

40

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Ala	Pro	Pro	Pro 100	Pro	Val	Ile	Ala	Pro 105	Asn	Ala	Pro	Gln	Pro 110	Val	Arg
Ile	Asp	Asn 115	Pro	Val	Gly	Gly	Phe 120	Ser	Phe	Ala	Leu	Pro 125	Ala	Gly	Trp
Val	Glu 130	Ser	Asp	Ala		His	Phe	Asp	Tyr	Gly	Ser 140	Ala	Ļeu	Leu	Ser
Lys 145	Thr	Thr	Gly	Asp	Pro 150	Pro	Phe	Pro	Gly	Gln 155	Pro	Pro	Pro		Ala 160
Asn	Asp	Thr	Arg	Ile 165	Val	Leu	Gly	Arg	Leu 170		Gln	Lys	Leu	Tyr 175	Ala
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Lys	Gly	Ala 275		Lys	Ala	Leu	Ala 280		Ser	: Ile	Arg	Pro 285	Leu	Val	Ala
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Ala Ala Pro Pro Pro Ala Asp Pro Asn Ala Pro Pro Pro Pro Val Ile 50 55 60

Ala Pro Asn Ala Pro Gln Pro Val Arg Ile Asp Asn Pro Val Gly Gly 65 70 4.3. 75 80

Phe Ser Phe Ala Leu Pro Ala Gly Trp Val Glu Ser Asp Ala Ala His 85 90 95

Phe Asp Tyr Gly Ser Ala Leu Leu Ser Lys Thr Thr Gly Asp Pro Pro 100 105 110

Phe Pro Gly Gln Pro Pro Pro Val Ala Asn Asp Thr Arg Ile Val Leu 115 120 125

Gly Arg Leu Asp Gln Lys Leu Tyr Ala Ser Ala Glu Ala Thr Asp Ser 130 135 140

Lys Ala Ala Ala Arg Leu Gly Ser Asp Met Gly Glu Phe Tyr Met Pro 145 150 155 160

Tyr Pro Gly Thr Arg Ile Asn Gln Glu Thr Val Ser Leu Asp Ala Asn 165 170 175

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Leu Gly Thr Ala Asn Asn Pro Val Asp Lys Gly Ala Ala Lys Ala Leu 225 230 235 240

Ala Glu Ser Ile Arg Pro Leu Val Ala Pro Pro Pro Ala Pro Ala Pro 245 250 255

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